

REMARKS

In the Office Action issued on June 18, 2006, claims 1-14, 22 and 26-32 were rejected under 35 U.S.C. §102(b) as being anticipated by U.S. Patent No. 4,959,015 to Rasinski et al. (Rasinski). Claims 15-21 were rejected under 35 U.S.C. §103(a) as being unpatentable over Rasinski in view of U.S. Patent No. 5,566,295 to Cypher et al. Claims 1-22 and 24-32 are now pending in this application. Claims 1, 22, and 27 have been amended to clarify the invention.

A. 35 U.S.C. §102(b)

On page 2 of the Office Action, claims 1-14, 22 and 26-32 were rejected under 35 U.S.C. §102(b) as being anticipated by Rasinski. Claim 1, as amended, now recites , wherein each rule to control the behavior of the apparatus, the tangible system, or the machine includes at least one configurable premise having a plurality of states and at least one configurable conclusion that specifies a behavior to be performed when the at least one configurable premise is in a particular state. The present invention controls the behavior of an object based on rules that are defined by premises. When a premise of a rule is in an appropriate state a conclusion corresponding to a particular behavior can be performed if the conclusion has be configured to be performed when the premise is satisfied. Each premise and conclusion can be configured to define the state that the premise and/or conclusion is required to be in for a behavior to occur.

In contrast, Rasinski discloses an interactive simulator for training a pilot using on-board electronics for simulating in-fight threats and countermeasure responses. *See Col. 1, lines 11-16.* The simulator enables the user to switch between normal mode and simulation mode. *See. Col. 3, line 19-22.* Threat scenarios are stored in computer memory and recalled at a push-button display console. *See abstract.* A data and control bus 28 couples command signals from pilot-trainee input 14 and navigational data 12 to the CPU 10 for interacting with a predetermined

scenario, and returns data signals representative of the scenario to a second control processing unit CPU 30. (emphasis added). CPU 30 is coupled to a suitable display unit 32, which may be a cathode ray tube, for providing a visual representation of the scenario in the simulator mode, or for a display corresponding to cockpit instruments in the normal mode. The threat display may be superimposed upon other representative display format which the pilot is capable of calling up, such as communications, control, waypoint planning, etc. *See Col. 3, lines 14-41.* Rasinski fails to disclose the invention as now claimed in claims 1, 22, and 27.

Thus, the present invention, according to claims 2-14, 24-26, and 28-30 which depend respectively from 1, 22, and 27, is not anticipated by Rasinski.

C. 35 U.S.C. §103(a)

Claims 15-21 were rejected under 35 U.S.C. §103(a) as being unpatentable over Rasinski in view of Cypher. Cypher is relied upon to cure the deficiencies of Rasinski. Cypher merely discloses an extensible simulation system and graphical programming method that enables a simulation user to program the behaviors of objects in a simulation while requiring no knowledge of computer programming concepts or languages. However, Cypher fails to disclose or suggest the invention as now claimed in claims 1, 22 and 27.

The combination of Rasinski and Cypher still fails to disclose or suggest these required elements of the present invention. Therefore, the present invention, according to claims 15-21 is not unpatentable over Rasinski in view of Cypher.

In view of the above, it is respectfully submitted that the present invention is allowable over the references relied upon in the Office Action. Accordingly, favorable reconsideration of this case and early issuance of the Notice of Allowance are respectfully requested.

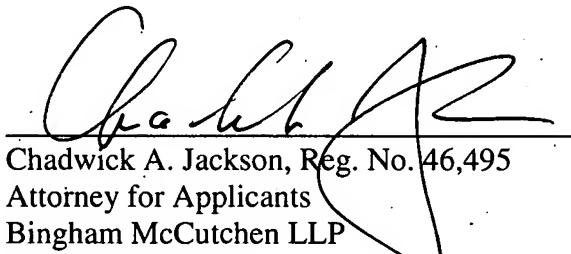
D. Additional Fees

The Commissioner is hereby authorized to charge any insufficient fees or credit any overpayment associated with this application to Deposit Account No. 50-4047 (25880.0022).

E. Conclusion

In view of the foregoing, all of the Examiner's rejections to the claims are believed to be overcome. The Applicants respectfully request reconsideration and issuance of a Notice of Allowance for all the claims remaining in the application. Should the Examiner feel further communication would facilitate prosecution, he is urged to call the undersigned at the phone number provided below.

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